

測試報告

號碼：CE/2010/A4211A

日期：2010/10/29

頁數：1 of 6

保旺塑膠有限公司
雲林縣大埤鄉豐田路55號



以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下：

樣品名稱： 塑木板
收件日期： 2010/10/25
測試期間： 2010/10/25 TO 2010/10/29

=====
測試結果： 請見下一頁。

結論： 根據客戶所提供的樣品，其鎘、鉛、汞、六價鉻、多溴聯苯及多溴聯苯醚的測試結果符合RoHS(2002/95/EC)及其修定指令之要求。



Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

測試報告

號碼：CE/2010/A4211A

日期：2010/10/29

頁數：2 of 6

保旺塑膠有限公司
雲林縣大埤鄉豐田路55號



測試結果

測試部位 No.1 : 綠色塊狀物 (共三款)

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
鎘	mg/kg	參考IEC 62321: 2008方法, 以感應 耦合電漿原子發射光譜儀(ICP-AES) 檢測.	2	n.d.	100
鉛	mg/kg	參考IEC 62321: 2008方法, 以感應 耦合電漿原子發射光譜儀(ICP-AES) 檢測.	2	n.d.	1000
汞	mg/kg	參考IEC 62321: 2008方法, 以感應 耦合電漿原子發射光譜儀(ICP-AES) 檢測.	2	n.d.	1000
六價鉻 (Alkaline extraction)	mg/kg	參考IEC 62321: 2008方法, 以UV- VIS檢測.	2	n.d.	1000
福馬林 (甲醛) (CAS No.: 000050-00-0)	mg/kg	參考DIN 53315方法, 以高效液相層 析儀/二極體陣列偵測器(HPLC/DAD) 檢測.	3	n.d.	-
多溴聯苯總和	mg/kg	參考IEC 62321: 2008方法, 以氣相 層析儀/質譜儀(GC/MS)檢測.	-	n.d.	1000
一溴聯苯			5	n.d.	-
二溴聯苯			5	n.d.	-
三溴聯苯			5	n.d.	-
四溴聯苯			5	n.d.	-
五溴聯苯			5	n.d.	-
六溴聯苯			5	n.d.	-
七溴聯苯			5	n.d.	-
八溴聯苯			5	n.d.	-
九溴聯苯			5	n.d.	-
十溴聯苯			5	n.d.	-
多溴聯苯醚總和			-	44	1000
一溴聯苯醚			5	n.d.	-
二溴聯苯醚			5	n.d.	-
三溴聯苯醚			5	n.d.	-
四溴聯苯醚			5	n.d.	-
五溴聯苯醚			5	n.d.	-
六溴聯苯醚			5	n.d.	-
七溴聯苯醚			5	n.d.	-
八溴聯苯醚			5	n.d.	-
九溴聯苯醚	5	7	-		
十溴聯苯醚	5	37	-		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明, 此報告結果僅對測試之樣品負責。本報告未經本公司書面許可, 不可部分複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

測試報告

號碼：CE/2010/A4211A

日期：2010/10/29

頁數：3 of 6

保旺塑膠有限公司

雲林縣大埤鄉豐田路55號



備註：

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected / 未檢出
3. MDL = Method Detection Limit / 方法偵測極限值
4. "-" = Not Regulated / 無規格值

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

測試報告

號碼：CE/2010/A4211A

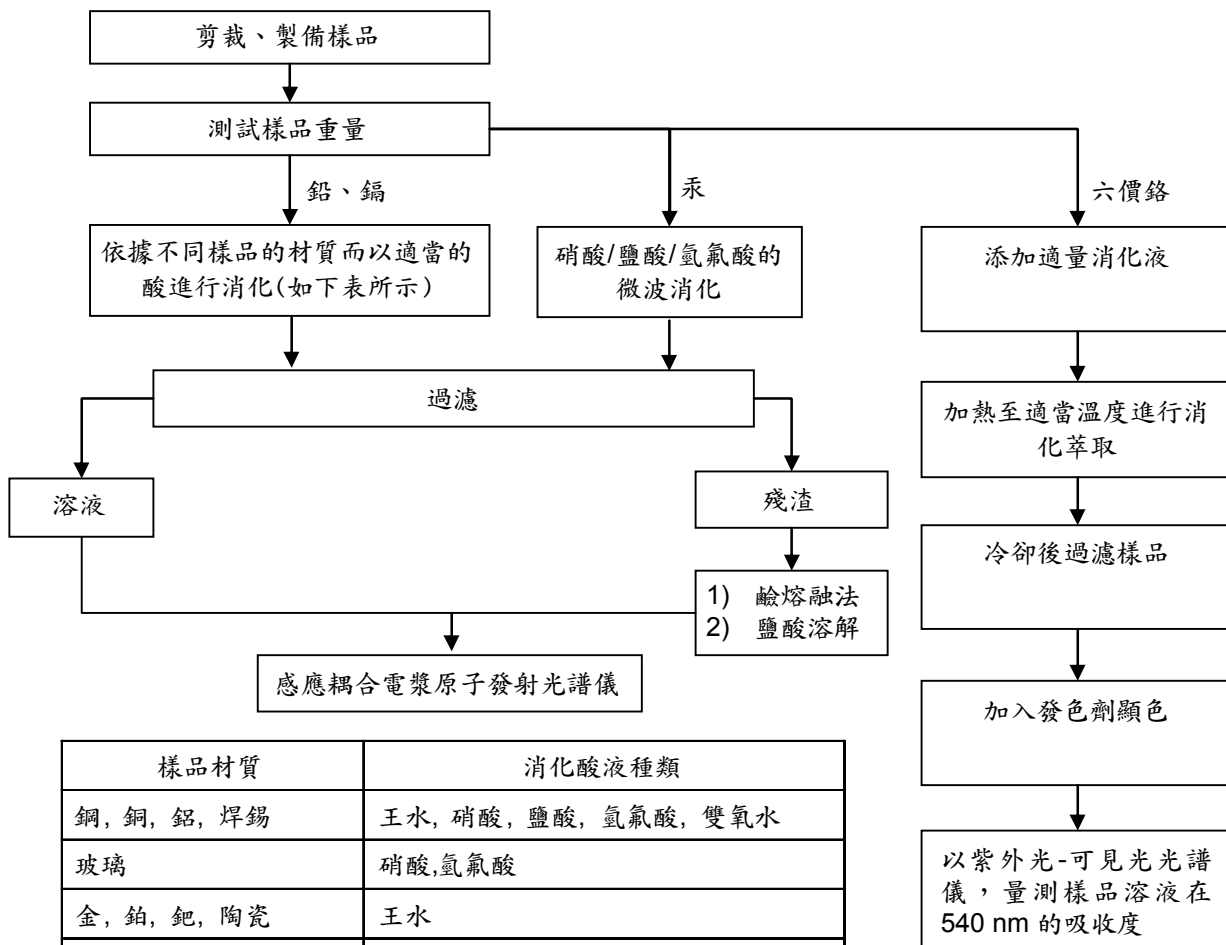
日期：2010/10/29

頁數：4 of 6

保旺塑膠有限公司
雲林縣大埤鄉豐田路55號



- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外)
- 2) 測試人員：楊登偉
- 3) 測試負責人：張啓興



樣品材質	消化酸液種類
鋼, 銅, 鋁, 焊錫	王水, 硝酸, 鹽酸, 氫氟酸, 雙氧水
玻璃	硝酸, 氫氟酸
金, 鉑, 鈀, 陶瓷	王水
銀	硝酸
塑膠	硫酸, 雙氧水, 硝酸, 鹽酸
其他	加入任何酸至完全溶解

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

測試報告

保旺塑膠有限公司
雲林縣大埤鄉豐田路55號

號碼：CE/2010/A4211A

日期：2010/10/29

頁數：5 of 6



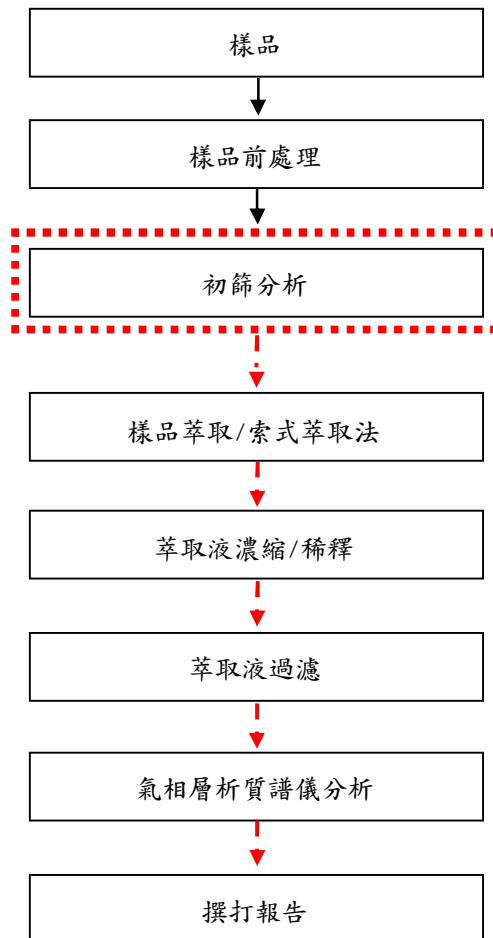
分析流程圖

1) 測試人員：翁賜彬

2) 測試負責人：張啓興

■ 測試項目：多溴聯苯/多溴聯苯醚，四溴雙酚-A-雙

初次測試程序 ———▶ 選擇性篩檢程序 確認程序 - - - -▶



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

測試報告

號碼：CE/2010/A4211A

日期：2010/10/29

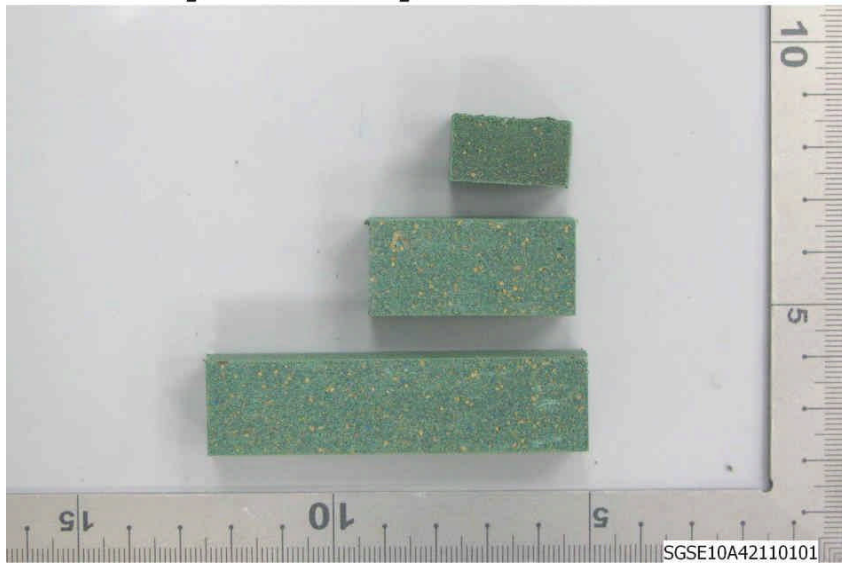
頁數：6 of 6

保旺塑膠有限公司

雲林縣大埤鄉豐田路55號



CE/2010/A4211



** 報告結尾 **

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。

This Test Report is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this Test Report is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.